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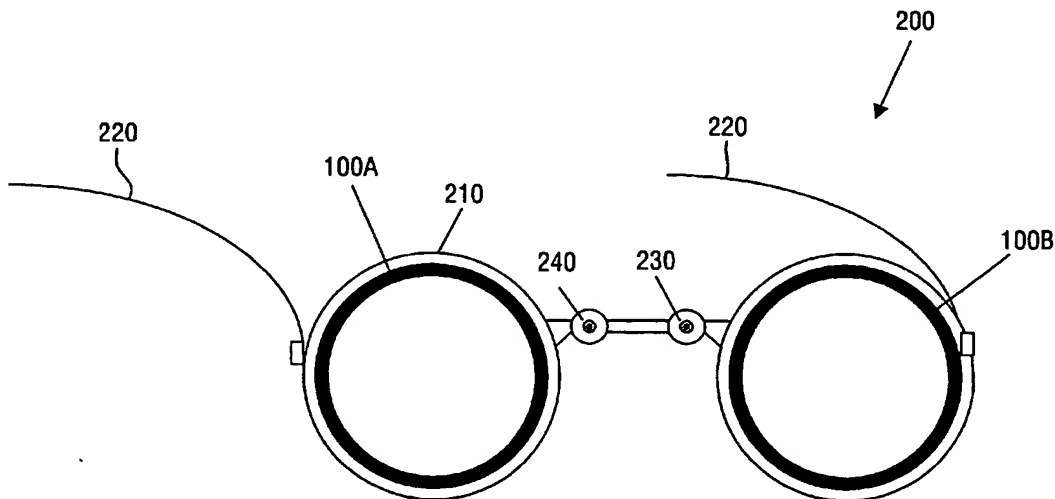
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[Continued on next page]

(54) Title: **SUNGLASSES WITH ADAPTABLE TRANSMISSIVITY**



(57) Abstract: The invention concerns improvements to sunglasses. In particular, a pair of sunglasses is disclosed comprising at least one electro-wetting lenses (100A, 100B) incorporating first and second immiscible fluids of dissimilar light transmission properties, the first fluid being a better light transmitter than the second fluid, wherein variation in the strength of an electric field between first and second electrodes of each electro-wetting lens causes the shape of a boundary between the first and second fluids to alter from a first state in which the second fluid forms a layer across substantially an entire internal surface of the lens to a second state in which the second fluid is confined to peripheral regions of the lens.



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